

## CLAIMS

1. A green sheet coating material, comprising ceramic powder and a binder resin containing a butyral  
5 based resin as the main component; and

furthermore comprising a xylene based resin as a tackifier.

2. The green sheet coating material as set forth  
10 in claim 1, wherein said xylene based resin is contained in a range of 1.0 wt% or less with respect to 100 parts by weight of said ceramic powder.

3. The green sheet coating material as set forth  
15 in claim 1 or 2, wherein

said butyral based resin is a polybutyral resin;  
and

a polymerization degree of said polybutyral resin is 1000 or higher and 1700 or lower, a butyralation  
20 degree of the resin is higher than 64% and lower than 78%, and a residual acetyl group amount is less than 6%.

4. The green sheet coating material as set forth  
in any one of claims 1 to 3, wherein said binder resin is  
25 contained by 5 parts by weight or more and 6.5 parts by

weight or less with respect to 100 parts by weight of said ceramic powder.

5        5.        The green sheet coating material as set forth in any one of claims 1 to 4, containing dioctyl phthalate as a plasticizer by 40 parts by weight or more and 70 parts by weight or less with respect to 100 parts by weight of said binder resin.

10       6.       A production method of a ceramic green sheet, comprising the steps of:

             preparing a green sheet coating material as set forth in any one of claims 1 to 5; and

             forming a ceramic green sheet by using said green  
15   sheet coating material.

             7.       A production method of a ceramic electronic device, comprising the steps of:

             preparing a green sheet coating material as set  
20   forth in any one of claims 1 to 5;

             forming a ceramic green sheet by using said green sheet coating material;

             drying said green sheet;

             stacking dried green sheets via internal electrode  
25   layers to obtain a green chip; and

firing said green chip.

8. A green sheet produced by using a green sheet coating material as set forth in any one of claims 1 to 5.